



NOVA . LIGHT
OPERATING LIGHTS
800 / 600 SERIES

N E X O R

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NOVA. light 800 / 600 with multi-colour technology

Multi-colour technology allows the surgeon to adjust colour temperature of the surgical light in accordance to structure of tissue, surgical application and individual color sensivity. Additionally NOVA.light 800 / 600 offers the following outstanding features:

- x Extremely flat mono-coque housing, with high IP protection class allowing an easy disinfection of the lighting body.
- x Multi-functional sterile handle allows to control main functions of the surgical light by the surgeons.
- x Fresnel technology for an outstanding shadow resolution and an even more homogeneous light field without the need for complicated lighting management systems.
- x Nova-Lux Turbo function, allows to readjust lighting intensity throughout lifetime of LED's, maintaining maximum lighting performance.
- x Centralized service slot, allows quick and tool-free access to complete electronic of surgical light, reducing downtime in case of servicing to a minimum.
- x Possibility of changing individual LED's reduces servicing costs throughout lifetime and facilitates technological upgrades.
- x Light emitting surface, safety glass.

TECHNICAL DATA	NOVA.light 800	NOVA.light 600
Dimming range	10 - 100%	10 - 100%
Light intensity in 1m distance (klx)	160	160
Intensity regulation (In 9 steps) at (Klx)	16 - 160	16 - 160
Endoscopic lighting	yes 5 - 10%	yes 5 - 10%
Light field (d10) at illuminance at a distance of 1 m (mm)	170 - 300	170 - 280
Color temperature (Kelvin) (Adjustable)	3.500 - 5.500	3.500 - 5.500
Color rendering index Ra	> 97	> 97
Red rendering index R9	> 97	> 97
Depth of light field L1 + L2 (mm) 20%	1.200	1.200
Weight of light head (kg)	20	17
Dimensions L x B x H (mm)	697 x 708 x 55	586 x 597 x 55
Lifetime of LED light source (h)	> 60.000	> 60.000
IP Protection class	54	54
Power consumption (Watt)	45	36
Electrical light field adjustment	Yes	Yes
Integrated camera (central position)	HD / 4K	HD / 4K
Certification	CE IEC 60601-2-41	CE IEC 60601-2-41
Control options	Wall/Remote Control	Wall/Remote Control
Control	On OT Light dome	On OT Light dome
Supply voltage	100 - 230 VAC 50 Hz/60 Hz	100 - 230 VAC 50 Hz/60 Hz
Sterilizable handle	Yes available	Yes available
Operating/storage Humidity	5 - 95%	5 - 95%

Tolerance $\pm 10\%$; technical specifications are subject to change